

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231**

Please type a plus sign (+) inside the

AUG 08 2001

PTO/SB/08B(08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 2

Complete if Known

Application Number	09/857,522
Filing Date	June 4, 2001
First Named Inventor	Stephen M. Allen et al.
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	BB1315 US PCT

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
PMB	01	JOHN L. CELENZA ET AL., Vol. 233:1175-1180, 1988, A yeast gene that is essential for release from glucose repression encodes a protein kinase <i>Science</i>	
	02	DONGQING HUANG ET AL., Mol. & Cell. Biol., vol. 16(8):4357-4365, 1996, Pho85p, a cyclin-dependent protein kinase, and the Snf1 protein kinase act antagonistically to control glycogen accumulation in <i>Saccharomyces cerevisiae</i>	
	03	NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 5051782, 08-27-1999, M. BEVAN ET AL.	
	04	NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 4895200, 04-05-2000, X. LIN ET AL., Sequence and analysis of chromosome 2 of the plant <i>Arabidopsis thaliana</i>	
	05	XIAOYING LIN ET AL., Nature, vol. 402:761-768, 1999, Sequence and analysis of chromosome 2 of the plant <i>Arabidopsis thaliana</i>	
	06	NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 2980770, 08-27-1999, M. BEVAN ET AL.	
	07	NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 3885328, 04-05-2000, X. LIN ET AL., Sequence and analysis of chromosome 2 of the plant <i>Arabidopsis thaliana</i>	
	08	NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 1743009, 12-17-1996, N.J. GUMPEL	
	09	NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 4567091, 04-23-1999, S. PATIL ET AL., Cloning of a full length SNF1-related protein-ser/thr kinase cDNA from soybean root nodules	
	10	SHAMEEKUMAR PATIL ET AL., Plant Phys., vol. 119(4):1568, 1999, Cloning of a full length SNF1-related protein-ser/thr kinase cDNA from soybean root nodules	
	11	NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 4107001, 02-08-1999, M. TAKANO, Rice has two distinct classes of protein kinase genes related to SNF1 of <i>Saccharomyces cerevisiae</i> , which are differently regulated in early seed development	
	12	MAKOTO TAKANO ET AL., Mol. Gen. Gen., vol. 260:388-394, 1998, Rice has two distinct classes of protein kinase genes related to SNF1 of <i>Saccharomyces cerevisiae</i> , which are differently regulated in early seed development	
	13	NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 4107009, 02-08-1999, M. TAKANO, Rice has two distinct classes of protein kinase genes related to SNF1 of <i>Saccharomyces cerevisiae</i> , which are differently regulated in early seed development	

Examiner
Signature

Phuong Binh

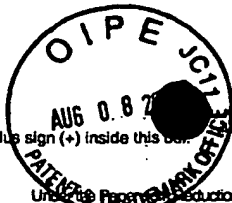
Date
Considered

7/14/04

¹ EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

² Unique citation designation number. ³ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Please type a plus sign (+) inside this box.



PTO/SB/08B(08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	09/857,522
Filing Date	June 4, 2001
First Named Inventor	Stephen M. Allen et al.
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	BB1315 US PCT

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
PDB		HIROSHI SANO ET AL., PNAS, vol. 91:2582-2586, 1994, Light and nutritional regulation of transcripts encoding a wheat protein kinase homolog is mediated by cytokinins	
		HIROTAKA HOTTA ET AL., Gene, vol. 213:47-54, 1998, Molecular analysis of a novel protein kinase in maturing rice seed	
		EMBL DATABASE SEQUENCE LIBRARY ACCESSION NO: Q40740, 11-01-1996, MENDEL, SNF1-Related Protein Kinase	
		EMBL DATABASE SEQUENCE LIBRARY ACCESSION NO: U55768, 08-03-1996, T. H. TSAI ET AL., SNF1-Related Protein Kinase of Rice	
		ALISON ALDERSON ET AL., PNAS, vol. 88:8602-8605, 10/1991, Complementation of snf1, a mutation affecting global regulation of carbon metabolism in yeast, by a plant protein kinase cDNA	
		EMBL DATABASE SEQUENCE LIBRARY ACCESSION NO: AA738543, 08-18-1998, F. ANNEN ET AL., Characterization of 14 different putative protein kinase cDNA clones of the C4 plant Sorghum bicolor	
		F. ANNEN ET AL., Mol. Gen. Genet., vol. 259:115-122, 1998, Characterization of 14 different putative protein kinase cDNA clones of the C4 plant Sorghum bicolor	
		EMBL DATABASE SEQUENCE LIBRARY ACCESSION NO: Q41485, 11-01-1996, A.L. MAN ET AL., Potato SNF1-Related Protein Kinase: Molecular cloning, expression analysis and peptide kinase activity measurements	
		ANGELA L. MAN ET AL., Plant Mol. Biol., vol. 34:31-43, 1997, Potato SNF1-Related Protein Kinase: Molecular cloning, expression analysis and peptide kinase activity measurements	
		EMBL DATABASE SEQUENCE LIBRARY ACCESSION NO: Y10038, 12-17-1996, N.J. GUMPEL, C.Sativus mRNA for SNF1-related protein kinase	
		JEN SHEEN ET AL., Plant Cell, vol. 2:1027-1038, 1990, Metabolic Repression of Transcription in Higher Plants	

Examiner
Signature

Phuong Bon

Date
Considered

7/14/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.